



City Of Columbus  
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### MEMORANDUM

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**DATE: FEBRUARY 24, 2003**

**TO: BIDDERS OF SA000406 JY**

**CC: FILE**

**FROM: JACK A. YOST**

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### ADDENDUM

The enclosed is the ADDENDUM information for SA000406 JY, Windows 2000 Migration Services.

**PLEASE ADD THE ENTIRE DOCUMENT TO YOUR  
BID RESPONSE AND MAKE IT A PART THEREOF.**

# City of Columbus

## Department of Technology

### Windows 2000 / Exchange 2000 Implementation Project

Questions regarding the RFP:

#### 1) Phase I - Preliminary Study

- a) When was the last audit/survey of the environment conducted? **None**
- b) Who conducted the last audit? What software, if any, was used?
- c) Who are the responsible parties for the following? **Department of Technology**
  - i) Desktop
  - ii) Network printing
  - iii) Network Architecture
  - iv) OS Administration
  - v) Messaging
  - vi) WAN
  - vii) Current applications
- d) Are there any restrictions on the potential use of third party asset management / auditing tools other than cost? **No**

#### 2) Phase II – Conceptual Design

- a) Is it possible to sequester all the technical stakeholders for up to 2 weeks for a design workshop? **No**
- b) Is there a partial or full non-production lab currently in use? **No**
- c) Which of the following should be included in the proof of concept lab?
  - i) Simulated LANs **Yes**
  - ii) Simulated WANs **Yes**
  - iii) Software distribution **Yes**
  - iv) Recreation of the production NT 4.0 environment in the lab
    - (1) How many current domain/servers should be recreated in the lab?  
**Minimum two, adjusted during contract negotiations**
  - v) Recreation of the production Exchange 5.5 environment in the lab
    - (1) How many current Orgs/sites/servers should be recreated in the lab? **One Org/two sites/two servers**
  - vi) Build and test root domain installation process
    - (1) How many new W2k servers should be tested in the lab? **Four minimum, adjusted during contract negotiations**
  - vii) Internal / External DNS interoperability **Yes**
  - viii) Installation / testing of maintenance software per City of Columbus standards **Yes**
  - ix) Time services **Yes**
  - x) Group policies **Yes**
  - xi) Application testing
    - (1) How many “critical” apps exist? **N/A**
      - (a) How many of these do not exist in the NT / Exchange environment?
      - (b) Will the consultant be responsible for replication these applications’ functionality in the lab environment? **No**

- (2) End-user functional specification testing **N/A**
- xii) Network Printing
  - (1) How many network printers will be available for testing in the lab?  
**Minimum two**
- xiii) Representative Desktops/Laptops
  - (1) How many? **Minimum two**
- xiv) Exchange 5.5. / Exchange 2000 directory co-existence testing **Yes**
- xv) Mailbox migrations
  - (1) How many test mailboxes should be migrated? **Some in each domain, minimum 10.**
- xvi) Disaster recovery / business continuity testing **No**
- xvii) File migration **No**
- 3) Phase III – Detailed Project Design**
- 4) Phase IV – Implementation Services**
  - a) Does the migration include NT application servers and file & print servers or just the domain controllers? **Domain controllers**
  - b) Is the intent to completely eliminate all NT 4.0 domains for this implementation?  
**No**
  - c) Is the intent to completely eliminate all Exchange 5.5 servers for this implementation? **Yes**
- 5) Phase V – Maintenance and Support**

Is it possible to get a listing of skill set provided by DoT?

**No – This will be discussed during contract negotiations.**

What are your SLA's for service availability & hours of operation for e-mail and file & print servers?

**It varies between Agencies; scheduling needed downtime for this project can be arranged.**

What's the role of the technical staff of the City in the following phases?

- a) knowledge acquisition
- b) design
- c) implementation
- d) 'proof of concept' lab

**To be defined in contract negotiations**

In the hand-out, the question is asked if the vendor will perform inventories or if they will be provided. The answer given is yes, which is it? Vendor performed or provided?

**The City will provide what inventory they have collected and distribute to the awarded vendor, however, discrepancies should be discovered and reported by the vendor in Phase I.**

Position regarding Windows XP & Windows 2000?

XP might be acceptable for desktops.

Kindly specify legacy databases within the Department.

Oracle 7 & 8, Interbase

Having CRL both for internal & internet – This facility means the department has to get the digital certificates from an organization such as Verisign (to work over the Internet) rather than setup own PKI Infrastructure – Has this been deliberated by the department?

Yes, we understand the necessity of distributing a private root certificate. Our current CRL is available internally and externally, so we can't answer this question.

Concerning NetBIOS protocol to support legacy applications.

By NetBIOS we mean NetBIOS over TCP/IP, sometimes known as CIFS. We do not mean NetBEUI or NetBIOS frame.

How many of the 150 physical locations have servers or workstations and how do you define physical location?

A physical location is a building. Inventory will be discussed during contract negotiations and the outcome of Phase I.

3.2.4 Training & 3.2.5 Proof of Concept Lab:

The referenced training and proof of concept lab is to occur during the conceptual design phase, is this correct?

Yes

If Implementation Phase work is made efficient with the use of licensed automated tools, thus affecting final fixed-bid pricing, would you either:

- a) accept one-time licensing embedded in the fixed bid
- b) accept pricing assumptions based on you're purchasing of a recommended tool.

The City would consider both methods.

What is the highest priority for the root domain (Native)?

Native mode

How many City IT employees will work along with the consultant?

Will be determined during contract negotiations.

Evaluation Criteria – Ability – What is meant by “offerer’s workload”?

Will the vendor be able to devote “full-time” to this product.

What level of cross platform interaction (ex. UNIX) cross platform printer sharing, all the way to mapped NFS drives and user account synchronization?

DNS, printing, LDAP services only. No NFS or account synchronization.

How many users do you think will need to be trained on Windows 2000? How many will need to be trained on Exchange? (approximations will be fine)

Vendor will not be responsible for end user training.

Does the City have a comfort level regarding how many PC's can be migrated in a day? (25, 50, 100?)

No, we have no predetermined expectations

Is the City planning on adding any additional peripheral devices to the network? Wireless, tablet PC, cell phones?

Does not apply to this project.

What is the potential number of technical resources the City will allocate to the winning vendor to support Implementation and Migration?

Between 5 – 15 people.

Will the 5 – 15 people from the City that are to be available for the project Implementation be at the vendor's disposal? Would their skillsets that offset the vendor's team members skillsets result in reducing the size of the vendor's recommended implementation team?

Those issues will be finalized during contract negotiations.

Clarifying questions released today indicated that many 'time on task' assumptions are unknown (eg. How many, where, etc.) – Therefore can the bids beyond Phase I be stated in price ranges based on standard industry assumptions?

Yes, because final price will take place during contract negotiations.

Will the Root Domain be mixed mode or native mode?

Native

Is the City providing the hardware and software for the "Proof of concept" lab?

The vendor is to provide the software; the City will provide the hardware.

Testing – Will the supplier be responsible for testing application compatibility for Windows 2000 Servers?

No

How many applications need to be tested?

Not applicable

Will the testing include compatibility testing with the chosen Windows desktop application?

Not applicable

Can DoT provide a list of all printers including model, location, and IP address?

We will provide as much information as we have regarding printer information during contract negotiations, refer to 1.3.1

The RFP indicates a top level security domain & an accounts domain. If the accounts domain is in mixed mode and that is the domain specified in the RFP as Exchange 5.5 upgrade point, are you prepared to lose your Public folder permissions that are based on distribution groups? May we specify an alternate design?

**ABSOLUTELY!**

What are your security requirements for external access to systems?

**No external access by vendors is permitted.**

Do you know today approx. what % age of PC's will be replaced, upgraded, cascaded?

**Will be discussed during contract negotiations**

Will you consider extending the deadline for submitting questions via the website until we have a chance to review today's Q&A?

**No**

Question on Evaluation criteria: Past Performance: Is a bid referencing past work for a City agency (or other city agencies) considered more favorable than one referencing other clients?

**No**

Are you still planning on having all answers posted to the website by Monday February 24<sup>th</sup>?

**Yes, planning on having the answers, but not the transcript.**

How many e-mail distribution lists are in use today?

**Between 150 – 200**

Clarifying work hours of 8AM – 5PM: Will all work activities, including server work need to be conducted during business hours...Is after hour & weekend work possible?

**Majority of work will be performed during business hours; however, we expect some functions be required to be preformed after hours to eliminate the impact on the users.**

What is the expected life of the 2<sup>nd</sup> level domain (mixed mode)?

**2<sup>nd</sup> level will exist indefinitely; length of mixed mode is unknown**

Are there any public employee union requirements which will impact the performance of on-site work?

**No**

The RFP indicated 5 e-mail servers. However, it was just indicated that there were 3 servers. Which is correct?

**3 Exchange servers will be involved with this project**

Does the Exchange Org. span multiple domains (you indicated 2 domains in your answer)

**Yes**

Where do the other e-mail servers reside if they exist?

2 in one domain, 1 in the other domain

In the migration phase is the vendor responsible for asset disposal?

No

Can you make the RFP available in Word format?

No, it is in PDF format on the City website.

Reference 2.0 Applicable Publications – Please describe or define “applicable publications” can you give an example?

If not applicable, state so, if there are applicable standards, write them in as required.

What is the expected timeline in selecting short listed vendors or make a final award?

Our goal is by the end of the 2<sup>nd</sup> quarter.

Will this be individually awarded by phases or by total project?

One contractor, but all phases might not get awarded.

Will the City implement Windows Server 2003 and Exchange Server 2003 instead of Windows 2000 products?

Not at this time

Are all of the 150 locations in Franklin County?

Yes

Will the attendee list from the pre-bidders conference be published on the website?

Yes

Please clarify the number of references required. Refer to 6.1.5.1 versus 6.1.5.6. Can these be the same – are they intended to overlap?

6.1.5.6 will be removed.

Attachment 5 is not included.

It is in the back, but not labeled attachment. The subtitle is Current Windows NT Environment.

Has all software to support the migration to Windows 2000 been made? Or is that part of fixed bid cost proposal?

The vendor is welcome to suggest cost-effective tools. No migration-specific software has been purchased.

Define use of Training Center 3.2.4?

We believe 3.2.4 is self-explanatory.

How many people do you anticipate training to be provided? Is a training format other than an authorized Microsoft site acceptable? **The number of people will be negotiated during contract. Formal training must be done by ATEC Microsoft site. Hands-on and transfer of knowledge will be determined during contract negotiations.**

What are the limitations placed on subcontracting?  
**See section 6.2.5 of the RFP.**

How much of the implementation phase does the City plan to do? **Determined during contract negotiations.**

Paragraph 6.1.5.2 says a Microsoft Project Plan is to be included with the bid. Paragraph 6.2.3 says the project plan is to be provided within 10 days of award. Which is correct? **They are both correct. The first project plan will give us an idea of how long each phase/task will take. The second project plan will be done during contract negotiations on actual time.**

1.2.3.2 The immediate outcome of having a single e-mail system is that the users will not be able to use their old e-mail addresses. Their old address book entries will be invalid. Is the department prepared for this?

**This question appears to be based on an assumption that will be determined during the design phase. If the vendor is not prepared for this, then it is an inappropriate assumption or a poor design.**

1.1.3 Need a breakup of LAN and dial up users. If changes are made to dial-up users' computers (laptops), will the users come to a central location or our engineers needed to go to individual users' locations?

**Dialup user configuration can be a vendor-supplied process to be distributed to City desktop support personnel.**

Have any in-house custom applications or legacy software hard-coded to IP addresses? If so, applications might have to be modified for it to work with the new setup.

**A small number of legacy applications require a known client-side IP address as a primitive "authentication" mechanism. Since server IP addresses are not expected to change during migration, this is primarily a desktop and DHCP issue.**

Is a bid considered more favorable if the bidding vendor can undertake all phases of this RFP?

**Yes, as long as the vendor responds in the manner outlined in section 6.1 of the RFP.**

Define "Pre-Qualify" (pg 4-A) Does this infer a second round of bidding?

**"To prove capable or fit or to meet requirements in advance." This implies that a vendor will be selected via the RFP process requirements (section 6.0). Vendors who fail to respond in the manner outlined in section 6.1 cannot be pre-qualified. Vendors who respond in the manner described in section 6.1 but cannot comply with the remainder of**



section 6.0 cannot be pre-qualified. There may be “additional discussions” with pre-qualified vendors as outlined in 6.2.31.1.

How many vendors does the City plan to pre-qualify?

As many as respond appropriately as per section 6.1 of the RFP. The final decision will be made from the pre-qualified vendor pool. See section 6.2.31.

Are there any specifics about your internal project management methodology that we need to comply with?

The Department of Technology follows the project management methodology as outlined in the “Project Management Book of Knowledge” (i.e. PMBOK) which is published and maintained by the Project Management Institute (PMI). The Department’s Project Management Office (PMO) expects the contract winner to follow this basic methodology.

How many resources will be defined as objects in Exchange 2000?

One would reasonably assume all of them would be defined as objects.

How much discretion will the vendor have to use their own methodology, processes, and procedures? Especially if they have been proven successful.

If past successes can be documented and these tools offer exceptional value, they may be used as often as approved by the City.

What is meant by “as needed”?

When required.

1) When does this project need to be completed? Will be determined in contract negotiations.

2) Could you please disclose the name(s) of any vendors who assisted in the development of the RFP. None

3) Could you please provide physical network layout diagram with location of users and devices. Also specify hardware type, connection type and speed, IP addresses, VLAN structure, etc. Not at this time due to security reasons. This will need to be assessed after the RFP process with the City Network group.

4) Could you please provide location of current domains in relation to the WAN structure. Some domains have slow links to outlying locations, but most are on the high speed backbone.

5) Is there 2 or 3 trust as indicated? What domains do the trusts connect above and beyond the apparent connection between the Olympus and Public Service domains? Since the document was written more have been added. There are currently seven trusts to the largest domain. Some of these domains trust other domains, so there may be up to 10 total.

6) How many third party applications and in-house applications are there and what are there primary functions? It is unknown at this time, this will be addressed at a later phase, which will not be part of the migration.

7) What network protocols are required to support legacy applications? **NetBIOS (NetBT), SNMP.**

8) Please provide details about the current exchange organizations. What domains do they span, connectors, public folder structure? Current Key Management Server usage? **2 domains with one site connector. Public folder structure is maintained on both sites. No Key Management Server.**

9) Define "Secure e-government platform". **A secure e-government platform consists of a set of technologies that offer enhanced protection in the areas of availability, integrity, and confidentiality for interaction between government entities and citizens or business partners over the Internet, intranets, or extranets.**

10) Will there be any coexistence with UNIX DNS servers? **Yes. However, these are expected to be secondary servers. Active Directory integrated DNS servers are preferred if there are no compelling arguments against their use from an operational or security standpoint.**

11) Is there a PKI system in use currently? If so, can they offer any details as to its deployment and usage? **We are using MS Cert. Services 1.0 for issuing SSL certificates. We have a functioning public CRL, but all is expected to go away when we go to Cert. Services 2.0.**

12) Is Microsoft System Management Server currently in use? **Deployed with limited use.**

2. The RFP requires completion of Attachment 3 for the tasks and associated costs identified. The project plan required in Section 6.1.5.2 may include tasks/phases that are not included in Attachment 3. How should these additional tasks and related costs be presented? **May be extended as needed.**

3. Our understanding of the RFP, under Section 1.1.1.4 "...provide the best quality staffing to assist...", as well as Sections 5.0 "Deliverables, and 5.1 "Not Applicable", is that the City of Columbus will engage in a "staff augmentation" contract model. Is this correct? **This is not our intention at this time.**

For example, will the vendor be responsible for delivering the "Active Directory" design document (Item No. 3E from Attachment 3) or assisting the City of Columbus with developing this deliverable? **The vendor will provide the Active Directory design document.**

4. Will the vendor be responsible to execute a project plan as required under Section 6.1.5.2, and be responsible for the outcome of "deliverables" or deviations to task durations that are not controlled by the vendor? **The vendor will not be responsible for following the project plan in 6.1.5.2 (as this is for qualification assessment), however, they will be responsible for the project plan in 6.2.3**

5. What are the list of project/business assumptions that the City of Columbus may have in relation to specific activity/task variables such as; start and end dates for the project, total project duration, decision making process for new design of Windows 2000/Exchange 2000 infrastructure, when new hardware/software will be purchased and received to support the design/implementation plans, organization decision processes, etc.? **This will be determined during contract negotiations.**

1. As specified in 1.1.3 Current Configuration, the domains present in existing Infrastructure are 10, supposed to be migrated. Specify who all will be responsible for the Migration of these domains. Whether Migration for 10 Domains will be carried out by the Supplier or that will be handled by City of Columbus technical staff.
  - a. Whether Supplier will be involved in creating the Migration strategy and Execution plan. **Yes**
  - b. Whether Supplier will create the practice documents for the same. **Yes**
2. Whether any tool is finalized for Migration or this will be part of the recommendation during the project. Any suggestions and consideration for the same. **Not at this time.**
3. In Reference to Section 1.2.4.1 Whether Supplier will provide the inputs only to desktop refresh schedule and life cycle or supplier will also be responsible for the Implementation of the same. **Provide process and documentation only.**
4. Will the feasibility study during the Initial work will result in the Servers procurement, Network upgrade, or it has been already finalized and decided. If “Yes” any details for the same. **Not decided at this time.**
5. Elaborate on the needs and requirements of Support & Maintenance during and after the execution of the Project. Is City of Columbus looking for managed services for there Infrastructure after the Execution of the Project? **No we are not looking for managed services, time and material support after the migration as required.**
6. Whether Migration of the Client machines to Windows 2000 part of the project.
  - a. If “Yes” what sequence of migration is considered (Servers first or Desktops First) **Only suggestions, this will be done in-house.**
7. Whether Purchase/Procurement/Delivery of Hardware/Software/tools will be part of the Supplier deliverables during the tenure of the project. If “NO” who will handle the above mentioned subject. Any tools being used or considered to be used or standardized in City of Columbus to be used during the project. **Will be determined during contract negotiations.**

8. Section 3.5 - What is the maximum period of support DoT is looking at in Phase 5? Would the support need to be onsite or telephonic? **Will be determined during contract negotiations.**
9. Any suggestion regarding the Migration to Exchange 2000 during or after the Migration of Windows 2000 Migration. Any requirement of Server migration or desktop migration first. **These are elements of your proposal.**

Section	Question
1.1	What does pre-qualify mean?
1.3.1	Please provide an example of a misunderstanding. <b>A discrepancy between our documented inventory and the actual inventory.</b>
3.0	
3.3.3.3	Other than installing the Microsoft infrastructure, describe a situation that would require modifying the schema. <b>No known situations at this time.</b>
3.3.3.7	What existing legacy databases will be integrated into AD? <b>Interbase and Exchange 5.5</b>
3.3.5.1	
3.3.6.1	While the RFP appears to be focused around windows domain management, the City has defined intended use of PKI for future e-government initiatives, which would imply that certificates would be issued to citizens and businesses with a need to securely communicate with the City. Does the City intend to issue certificates to both employees and external e-government customers, who would not typically be members of the domain? <b>Our PKI plans are not finalized, however, we would like to begin with the best design possible.</b>
3.3.8.1	What are the legacy clients? <b>NT 4.0 and Win 98 (very few)</b>
6.1.5.9	Does Do T anticipate that this will cost \$20,000 or less? Are you going to pick and choose
6.2.16	\$20,000 worth of services? Has the City Council allocated any funding for this project? <b>1. No</b>
	<b>2. DoT will discuss the services needed during negotiations. 3. No</b>

### Questions to City of Columbus, Ohio For Solicitation No.: SA 000406 JY – Windows 2000 Migration Services

Question format – Each bullet point references a specific section(s) of the RFP. The original text from the RFP is listed in italics, followed by our question as a sub-bullet.

- **Page 3, Paragraph 2 PERSONAL EXAMINATION** *Offerors are required to satisfy themselves by personal examination of the proposed contract documents and investigation of the conditions at the site of the work in order that they may be fully informed of the contract requirements, the conditions existing, and the difficulties likely to be encountered in the execution of the work.*

- How do we make arrangements to accommodate a site survey(s) in order to better prepare our bid? **Answer: The above statement is waived for this project.**
- **1.1.3 vs. Page 4-DD**
  - One of these locations list “approximately 5,000 PC’s” and the other specifies 3,397 PC’s. What is the actual number? **Approximately 4,500**
  - From the same sections can you please explain the differences between 4,963 NT accounts and “potentially 9,000” users? **All City employees do not have accounts at this time.**
- **1.2.4.2 DHCP** – *the client environment will be migrating from statically assigned IP addresses to DHCP. Document the steps required to perform this migration on existing and legacy desktops. Suggest a strategy to move from a Class C subnet structure to Classless Internet Domain Routing (CIDR) where appropriate. Confer with Telecommunications employees to assure buy-in on all desktop-related matters that may impact network performance.*
  - What is the current IP addressing scheme? **Mostly static, some DHCP**
  - Is a network map available? **Not at this time.**
  - Are you anticipating re-addressing the entire network? **Not at this time.**
- **1.2.4.4 Security** – *design security policy profiles for Windows 2000/XP desktops in conjunction with Active Directory Group Policies based on City of Columbus and Department of Technology business requirements to ensure secure communications, high availability, fault tolerance, and timely software updates.*
  - Is it expected that applications installed on workstations will be self-healing? **As much as possible with current technology.**
  - If an application is not suited to installation via AD Group Policy, will alternatives be considered? **Yes**
- **3.1.X**
  - What are the desired deliverables for each of these sections? **Refer to 3.1.10**
- **3.1.1 Assess Client Desktop** – *Assess the current desktop environment and outline the steps necessary to migrate the client to Windows 2000 domain.*
  - Are a formal software and/or hardware inventory an expected deliverable? **No**
- **3.1.2 Assess Network Printing** – *Assess the current printing environment and outline the steps necessary for migration to Windows 2000 environment*
  - Is it expected that the deliverable be a formal printer and/or print server/network print device inventory? **No**

- **3.1.3 Assess Server Architecture** - *Assess the current domain/server environment/hardware and outline the steps necessary for migration to Windows 2000 environment*
  - Is it expected that the deliverable be a formal server inventory with active services? **No**
- **3.1.4 Assess current User Environment** – *User accounts, drive mappings, shares, security permissions, login scripts, profiles, and policies.*
  - Is there an automated asset tracking system in place? If not, can we use an automated tool to accomplish this task? **No, Yes**
- **3.1.6 Assess Applications** – *Assess the current third party applications, legacy software and in-house applications. Outline the steps necessary for migration to Windows 2000 environment.*
  - Can you provide us a list of all software/apps that must be maintained after the migration? **Yes**
  - If not, is this part of the discovery?
  - If we have to discover them who do you desire to research upgrades?
- **3.1.7 & 3.1.8 Assess current Exchange configuration** -*Asses current system administration practices and document “best practices” for e-mail administration. Assess current distributed e-mail servers and document “best practices” for a unified e-mail system. Assess current retention policies and document “best practices” for all related retention policies.*
  - Is there any existing documentation? **Yes**
- **3.2.1 Design a Desktop Migration Strategy** – *Design and recommend a cost-effective desktop migration strategy for a transition from a Windows 9x, NT4, static Internet Protocol addressing, and WINS environment to a fully functional, high performance, secure Active Directory, DHCP, and DNS enabled platform using Windows 2000 and/or Windows XP as the primary user environment. Document the strategy to maintain maximum legacy and third party systems (9x, NT4, Solaris, HPUX, UniSys) support in the new environment where required.*
  - Is the end goal to have ALL desktops running Windows 2000 or XP, or will 95, 98, NT4 clients still be left on the network? **Windows 2000 and XP**
  - If a client is not suited to run 2000/XP, would Terminal Services/Citrix be considered as an alternative to run current-generation software? **Yes**
  - What services from NT/2000 are required by Unix, Solaris, etc? **Possibly DNS**
- **3.2.3 Design Exchange 2000** – *Design and recommend Exchange 2000 structure utilizing best practices for the City of Columbus. This is to include but not limited to server placement & function and administration/routing groups.*
  - Will there be a centralization of servers and/or services? **Yes**

- **TRAINING (3 sections referenced)**
- **3.1.9 Assess Training Needs** – Assess the training needs for the DoT staff that will be involved with the Windows 2000/Exchange 2000 Implementation.
- **3.2.4 Training** – *Recommend and provide training to DoT staff that will be involved with the implementation. The training shall consist of ‘hands on’ experience, transfer of knowledge and an Authorized Microsoft Technical Education Center (ATEC).*
- **6.1.5.4** The consultant must provide training as a result of the award of the contract to the DoT staff involved with the implementation. Please provide all available training options that the consultant has to offer.
  - A. How many people will need training? **5 - 15**
  - B. What is their current knowledge level of W2K, Exchange 2K?
  - C. Does the training have to be official MOC curriculum? **Yes**
  - D. Are you open to customized classes? **Yes**
  - E. Is obtaining a Microsoft certification a requirement for the people being trained? **Not a requirement**
  - F. Does the City of Columbus have training facilities capable of running Windows 2000 server available so that training can be held on-site? (The training facilities will need to be isolated from their live network and the machines have to be able to be formatted and the necessary files installed on them for the classes) **No**
  - G. Can the entire staff attend training at the same time? If not, how many can be trained at one time. **No**
- **3.3.2 Create second level domain** – *This domain will house the majority of user and machine accounts and therefore the Organizational Unit structure of the City’s Active Directory domain. The second level domain will be the NT4 domain workstation, user, file/print, intranet, and Exchange 5.5 migration point.*
  - Please elaborate on 2<sup>nd</sup> level domain acting as migration point? **Our intent is to have little user or no user resources in the top level domain.**
- **3.3.5.1 Integration with Active Directory:** *see above. Import directory information from legacy database systems.*
  - Is SENDMAIL currently being used? **Yes**
- **3.3.7.7 Consider the use of DHCP enhancements for client configuration**
  - What DHCP enhancements are being considered? **Implement DHCP where possible.**